



PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 43315-2325174 4 4

CONCERNING A SUBMISSION	ON UNDER 35 U.S.C. 371	U.S. APPIIOATION No. my in the late of the 1.5
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/SE2004/001981 TITLE OF INVENTION	22 December 2004	31 December 2003
	JRING THE THICKNESS AND TH	E ELECTRICAL CONDUCTIVITY OF AN
OBJECT OF MEASUREMENT APPLICANT(S) FOR DO/EO/US		
Sten Linder		
Applicant herewith submits to the United Sta	tes Designated/Elected Office (DO/EO	/US) the following items and other information:
1. X This is a FIRST submission of item	s concerning a submission under 35 U	S.C. 371.
2. This is a SECOND or SUBSEQUE	NT submission of items concerning a s	ubmission under 35 U.S.C. 371.
3. x This is an express request to begin include items (5), (6), (9) and (21) i	national examination procedures (35 t ndicated below.	J.S.C. 371(f)). The submission must
4. The US has been elected (Article 3	1).	
5. x A copy of the International Applicat	ion as filed (35 U.S.C. 371 (c)(2))	
a. X is attached hereto (required or	nly if not communicated by the Internati	onal Bureau).
b. has been communicated by the	e International Bureau.	
c. is not required, as the applicat	ion was filed in the United States Rece	iving Office (RO/US).
6. An English language translation of	the International Application as filed (3	5 U.S.C. 371(c)(2)).
a. is attached hereto.		
b. has been previously submitted	d under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the Ir	nternational Application under PCT Arti	de 19 (35 U.S.C. 371(c)(3))
a. are attached hereto (required	only if not communicated by the Interna	ational Bureau).
b. have been communicated by	the International Bureau.	
c. have not been made; however	r, the time limit for making such amend	ments has NOT expired.
d. have not been made and will i	not be made.	
8 An English language translation of	the amendments to the claims under P	CT Article 19 (35 U.S.C. 371(c)(3)).
9 An oath or declaration of the inven	tor(s) (35 U.S.C. 371(c)(4)).	
10. An English language translation of Article 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Prelim	inary Examination Report under PCT
Items 11 to 20 below concern docu	ment(s) or information included:	
11. x An Information Disclosure Stater	nent under 37 CFR 1.97 and 1.98, w	ith <u>5</u> references.
12. An assignment document for reco	rding. A separate cover sheet in compli	iance with 37 CFR 3.28 and 3.31 is included.
13. X A preliminary amendment.		
14. x An Application Data Sheet under	37 CFR 1.76.	
15. A substitute specification.		
16. A power of attorney and/or chang	e of address letter.	
17. A computer-readable form of the	sequence listing in accordance with P	CT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. A second copy of the published Ir	nternational Application under 35 U.S.	C. 154(d)(4).
19. A second copy of the English land	guage translation of the international a	application under 35 U.S.C. 154(d)(4).

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U.S. PPROATIONATO. (Northin, no 37 CFB 1.5)  INTERNATIONAL APPLICATION NO. PCT/SE2004/001981					ATTORNEY'S DOCKET NUMBER 43315-232517			
20. x Other items or information: Return Receipt Postcard; PCT/ISA/210, PCT/IB/311 and PCT/ISA/237								
The following fees have been submitted						CALCULATION	S PTO USEONLY	
21. x Basic	national fee (3	7 CFR 1.492(a	))		\$300	\$ 300.0	0	
22. x Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations \$200						\$ 200.0	0	
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 400.00			
	TOTAL OF 21, 22	and 23 =				\$ 900.0	0	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)				ļ	
22 -100 = /50 = x \$250.00					x \$250.00	\$		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						\$ 130.0	0	
CLAIMS		BER FILED	NUMBER EXTRA	<u> </u>	RATE			
	Total claims 17 - 20 =			X	-	0.0		
Independent		3 - 3 =		* +		0.0	U	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +  TOTAL OF ABOVE CALCULATIONS =					E CALCULATIONS =	\$ 1,030.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
					SUBTOTAL =	\$ 1,030.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$			
TOTAL NATIONAL FEE =						\$ 1,030.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$			
						\$		
	<u> </u>		то	TAL F	EES ENCLOSED =	\$	1,030.00	
						Amount to be refunded:	\$	
						Amount to be charged	\$	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. to cover the aliquatees is enclosed. If worth the cover the aliquatees is enclosed. A check in the amount of \$ х 22-0261 in the amount of \$ 1,030.00 Please charge my Deposit Account No. to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 22-0261 \_\_\_\_ . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE Eric J. Franklin NAME CUSTOMER NUMBER: 26694 37,134 REGISTRATION NUMBER

PTO/SB/17 (01-06)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  FEE TRANSMITTAL  For FY 2006			Complete if Known						
			Application Num	nber	lot Yet Assigned				
			Filing Date		Concidently.	<b>T T</b>			
				First Named Inv	entor	Sten Linder			
				—[	Examiner Name		Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27				Art Unit		N/A			
TOTAL AMOU	NT OF PAYMEN	T	(\$) 1,030.00		Attorney Docket	No.	43315-232517		
METHOD OF	PAYMENT (ch	eck al	that apply)						
Check	Check Credit Card Money Order None Other (please identify):								
x Deposit Ac	count Deposit Acc	ount Nu	mber: 22-0261 De	posit Acc	ount Name:		Venable LL	Р	
For the	above-identified o	deposi	t account, the Dire	ector is	hereby authorize	ed to: (che	eck all that apply)		
x CI	narge fee(s) indic	ated b	elow		Charge	e fee(s) in	dicated below, ex	cept for th	e filing fee
X Cr	narge any additio e(s) under 37 CF	nal fee R 1.1	e(s) or underpaym 6 and 1.17	ent of	x Credit	any over	payments		
FEE CALCUL	_ATION (All the	e fees	below are due	e upor	n filing or may	be subj	ect to a surcha	rge.)	
1. BASIC FILIN	G, SEARCH, AN		MINATION FEES						
		FILI	NG FEES Small Entity	SEA	ARCH FEES Small Entity	EXAMI	NATION FEES Small Entity		
Application Ty	<u>/pe Fe</u>	e (\$)		Fee (\$)		Fee (\$)		Fees P	aid (\$)
Utility	3	00	150	500	250	200	100		
Design	2	200	100	100	50	130	65		
Plant	2	200	100	300	150	160	80		
Reissue	3	00	150	500	250	600	300		
Provisional	2	200	100	0	0	0	0		
2. EXCESS CLA	AIM FEES							-	Small Entity
Fee Description Each claim over 20 (including Reissues)							<u>Fee (\$)</u> 50	Fee (\$) 25	
Each independent claim over 3 (including Reissues)						200	100		
Multiple depend	lent claims							360	180
Total Claims	Extra Claim	s	Fee (\$)	Fee P	Paid (\$)	<u>N</u>	lultiple Dependent Claims		
	17 -20 = x = <u>Fet</u>			ee (\$)	Fee Paid (\$)	ì			
1	er of total claims paid		reater than 20.						-
Indep. Claims	Extra Claim	s x	Fee (\$)	Fee P	Paid (\$)				
	- 3 =er of independent cla	_	d for, if greater than 3						
3. APPLICATIO	N SIZE FEE	Ÿ.							-
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)									
Non-English Specification, \$130 fee (no small entity discount)									
Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00									
1633 National Stage Examination Fee - all other 1642 National Stage Search Fee - search report					200.00 400.00				
1617, Search fee, examination fee or oath or						0.00			
SUBMITTED BY									
Signature	in	1	HW)	9	Registration No. (Attorney/Agent)	37,134	Telephone	(202) 344	1-4936
Name (Print/Type)	Eric J. Frankli	n					Date	June 30,	2006